

# Fast Flux Test Facility (FFTF) Project (RL-0042)

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*Disposable Solid Waste Cask being fitted with Upper Impact Limiter*

## Overview

This section addresses work in Project Baseline Summary RL-0042, *Nuclear Facility Deactivation and Decommissioning, Fast Flux Test Facility Project*.

NOTE: Unless otherwise noted, all information contained herein is as of the end of June 2007.

## Notable Accomplishments

- **Fuel Offload - Fuel Disposition T-3 Cask**
  - T-3 Cask #1 was returned from Idaho National Laboratory.
  - Revision 1 of the T-3 Cask license addendum was submitted for approval.
- **System Deactivation**
  - Oil was drained from Diesel Generators G-1 and G-2.
  - Drained polychlorinated biphenyl (PCB) Transformer X-117 was removed from the site by the recycler.
- **Disposable Solid Waste Cask (DSWC) Operations**
  - A DSWC was moved from the 400 Area Storage Pad to the Reactor Service Building for initiating removal of highly activated waste from the interim examination and maintenance (IEM) cell.

## FY 2007 Funds vs. Spend Forecast (\$M)

|              | Projected FY 2007<br>Funding | FY 2007 Fiscal Year<br>Spend Forecast | Variance |
|--------------|------------------------------|---------------------------------------|----------|
| FFTF Project | \$ 41.0                      | \$ 28.2                               | \$ 12.8  |

\* Note: \$9.9M of FY 2007 funding is designated for FY 2008 use.

## Schedule/Cost Performance (\$M)

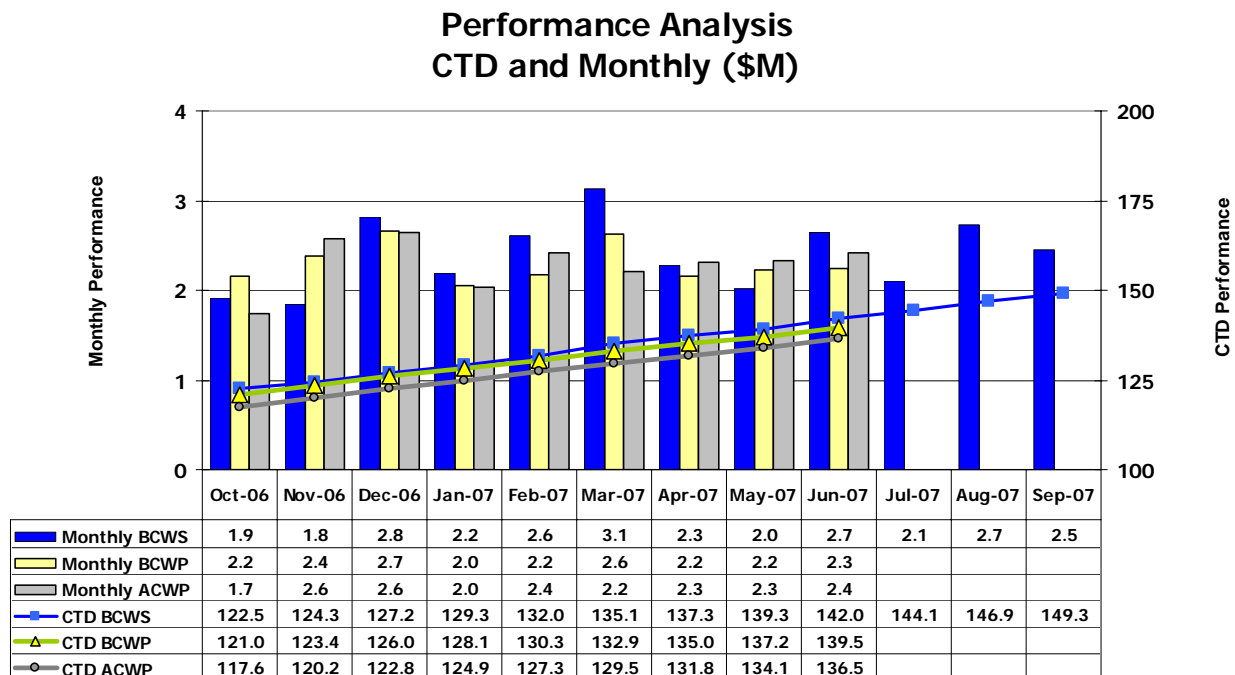
| FFTF Project                            | Budgeted<br>Cost of<br>Work<br>Scheduled | Budgeted<br>Cost of<br>Work<br>Performed | Actual Cost<br>of Work<br>Performed | Schedule<br>Variance \$ | Schedule<br>Variance % | Cost<br>Variance \$ | Cost<br>Variance % | Budget At<br>Completion<br>(FY07/<br>CTD) |
|---|--|--|-------------------------------------|-------------------------|------------------------|---------------------|--------------------|---|
| Current Period<br>(Month)               | \$2.7                                    | \$2.3                                    | \$2.4                               | -\$0.4                  | -15.1%                 | -\$0.2              | -7.5%              | \$28.7                                    |
| Cumulative-to-Date<br>(FY 2004-Present) | \$142.0                                  | \$139.5                                  | \$136.5                             | -\$2.5                  | -1.8%                  | \$3.0               | 2.1%               | \$168.9                                   |

Numbers are rounded to the nearest \$0.1M.

**CTD Schedule Performance (-\$2.5M/-1.8%):** Cumulative-to-Date negative schedule performance is primarily due to the problems encountered with the T-3 Cask certification, and the resulting affect on the progress of FFTF Shutdown and Systems Deactivation and Disposition work scope.

**CTD Cost Performance (+\$3.0M/+2.1%):** Positive cost variance is primarily due to the efficiencies in both Surveillance and Maintenance and the G&A at the company level.

## Schedule/Cost Performance (\$M), continued



## Milestone Achievement

| Number       | Title  | Type   | Due Date | Actual Date | Forecast Date | Status / Comments |
|--------------|--|--------|----------|-------------|---------------|-------------------|
| M-081-10-T01 | Submit Final Sodium Disposition Evaluation Report        | Target | 07/31/07 | 05/15/07    |               | Complete          |
| M-92-10      | Submit Hanford Site Sodium Disposition Evaluation Report | TPA    | 07/31/07 | 05/15/07    |               | Complete          |